

CURRICULUM VITAE

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Education: B.S. (1977) Kansas State University, Manhattan, Kansas
M.S. (1979) Kansas State University, Manhattan, Kansas
Ph.D. (1983) University of Illinois, Urbana, Illinois
Post-Ph.D. (1983-1985) University of Wisconsin, Madison

Positions: Research Assistant, Department of Animal Science, Kansas State University, Manhattan, Kansas, 1977-1979.
Research Assistant, Department of Animal Science, University of Illinois, Urbana, Illinois, 1979-1980 and 1981-1982.
NIH Fellow, Reproductive Biology Training Grant, University of Illinois, Urbana, Illinois, 1980-1981 and 1982-1983.
Research Associate, Department of Animal Science, University of Wisconsin, Madison, Wisconsin, 1983-1985.
Assistant Professor, Department of Veterinary and Animal Sciences, University of Massachusetts, Amherst, Massachusetts, 1985-1991.
Associate Professor, Department of Veterinary and Animal Sciences, University of Massachusetts, Amherst, Massachusetts, 1991-1997.
Professor, Department of Veterinary and Animal Sciences, University of Massachusetts, Amherst, Massachusetts, 1997-present.

Patents:

Prather, R.S., F. Barnes, J. Robl, N.L. First and V. Simmon. 1991. Multiplying bovine embryos. No. 4,994,384.

Inventor on 11 additional patent filings

Books:

Monastersky, G.M. and J.M. Robl. 1995. Strategies in Transgenic Animal Science. American Society for Microbiology Press, Washington, D.C.

Documentaries:

Cracking the Code. PBS. 1997. Emmy nomination

The Organ Tuners. NHK. 1997. Shown at the Cannes Film Festival

Understanding: The Power of Genes. TLC. 1998.

Publications:

Robl, J.M. and D.L. Davis. 1981. Effects of serum on swine morulae and blastocysts *in vitro*. *J. Anim. Sci.* 52:1450-1456.

Peterson, R.N., J.M. Robl, P.J. Dziuk and L.D. Russell. 1982. The effects of anti-sperm plasma membrane antibodies on sperm-egg binding, penetration and fertilization in the pig. *J. Exp. Zool.* 223:79-81.

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First, N.L., J. Lohse, J. Robl, E. Critser and J. Rutledge. 1984. Cloning and gene transfer in mammals. *Proc. Poultry Breeders Roundtable*.

Robl, J.M., P.J. Thomford, M.C. Wu and P.J. Dziuk. 1985. Effect of estrogen, testosterone and phenobarbital on uterine weight and liver microsomal enzymes in prepubertal mice. *Pediatric Pharmacology* 5:157-164.

Robl, J.M. and N.L. First. 1985. Manipulation of gametes and embryos in the pig. *J. Reprod. Fert. Suppl.* 33:101-114.

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Barnes, F., J.M. Robl and N.L. First. 1987. Nuclear transplantation in mouse embryos: Assessment of nuclear function. *Biol Reprod.* 36:1267-1274.

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Robl, J.M.. 1987. Animal cell biotechnology. *BioScience* 37:738 (book review).

Robl, J.M. and P.J. Dziuk. 1988. Comparison of heterospermic and homospermic inseminations as measures of male fertility. *J. Exp. Zool.* 245:97-101.

Robl, J.M., J.K. Lohse-Heidman and N.L. First. 1988. Strain differences in early mouse embryo development *in vitro*: role of the nucleus. *J. Exp. Zool.* 247:251-256.

Stice, S.L. and J.M. Robl. 1988. Nuclear reprogramming in nuclear transplant rabbit embryos. *Biol. Reprod.* 39:657-664.

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Reddy, V.B., J.A. Vitale, C. Wei, M. Montoya-Zavala, S.L Stice, J.J. Balise and J.M. Robl. 1991. Expression of human growth hormone in the milk of transgenic mice. *Animal Biotechnology* 2:15-29.

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